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**PALM INTRANET**

## Inventor Name Search Result

Your Search was:

Last Name = SAMPATH

First Name = HEMANTH

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>09609581</u>	Not Issued	161	06/30/2000	Network with mobile terminals having wireless access to the internet and method for doing same	SAMPATH, HEMANTH
<u>09609591</u>	6922445	150	06/30/2000	METHOD AND SYSTEM FOR MODE ADAPTATION IN WIRELESS COMMUNICATION	SAMPATH, HEMANTH
<u>09948204</u>	7149254	150	09/06/2001	TRANSMIT SIGNAL PREPROCESSING BASED ON TRANSMIT ANTENNAE CORRELATIONS FOR MULTIPLE ANTENNAE SYSTEMS	SAMPATH, HEMANTH
<u>10023632</u>	7058134	150	12/17/2001	SYSTEM AND METHOD FOR MULTIPLE SIGNAL CARRIER TIME DOMAIN CHANNEL ESTIMATION	SAMPATH, HEMANTH
<u>10158734</u>	6862440	150	05/29/2002	METHOD AND SYSTEM FOR MULTIPLE CHANNEL WIRELESS TRANSMITTER AND RECEIVER PHASE AND AMPLITUDE CALIBRATION	SAMPATH, HEMANTH
<u>10620024</u>	Not Issued	41	07/14/2003	Data rate adaptation in multiple-in-multiple-out systems	SAMPATH, HEMANTH
<u>10734440</u>	Not Issued	30	12/11/2003	Rate adaptation in wireless systems	SAMPATH, HEMANTH
<u>10767067</u>	Not Issued	30	01/28/2004	Scalable space-frequency coding for MIMO systems	SAMPATH, HEMANTH
<u>10799548</u>	Not Issued	30	03/11/2004	Mechanism to improve quality of channel estimates in OFDM transmissions	SAMPATH, HEMANTH
<u>10832711</u>	Not	30	04/26/2004	Technique for reducing physical	SAMPATH,

	Issued			layer (PHY) overhead in wireless LAN systems	HEMANTH
<u>10834745</u>	Not Issued	30	04/28/2004	Method to mitigate intercarrier interference (ICI) in OFDM systems for high data rate transmissions	SAMPATH, HEMANTH
<u>10896313</u>	Not Issued	30	07/20/2004	Scalable MIMO-OFDM PHY for high throughput WLANs	SAMPATH, HEMANTH
<u>10912829</u>	Not Issued	30	08/05/2004	MIMO-OFDM receiver processing	SAMPATH, HEMANTH
<u>10964503</u>	Not Issued	41	10/12/2004	Method and system for generating an initial layout of an integrated circuit	SAMPATH, HEMANTH
<u>11020707</u>	Not Issued	41	12/22/2004	Feedback to support restrictive reuse	SAMPATH, HEMANTH
<u>11021791</u>	Not Issued	30	12/22/2004	Performance based rank prediction for MIMO design	SAMPATH, HEMANTH
<u>11022347</u>	Not Issued	30	12/22/2004	Capacity based rank prediction for MIMO design	SAMPATH, HEMANTH
<u>11026949</u>	Not Issued	161	12/30/2004	Method and system for multiple channel wireless transmitter and receiver phase and amplitude calibration	SAMPATH, HEMANTH
<u>11158585</u>	Not Issued	30	06/21/2005	Low complexity beamforming for multiple antenna systems	SAMPATH, HEMANTH
<u>11186152</u>	Not Issued	30	07/20/2005	Systems and methods for beamforming in multi-input multi-output communication systems	SAMPATH, HEMANTH
<u>11186697</u>	Not Issued	30	07/20/2005	Systems and methods for beamforming and rate control in a multi-input multi-output communication systems	SAMPATH, HEMANTH
<u>11233809</u>	Not Issued	30	09/21/2005	Constraint assistant for circuit design	SAMPATH, HEMANTH
<u>11233844</u>	Not Issued	30	09/21/2005	Systems and methods for beamforming feedback in multi antenna communication systems	SAMPATH, HEMANTH
<u>11260895</u>	Not Issued	25	10/27/2005	Adaptive sectorization in cellular systems	SAMPATH, HEMANTH
<u>11261806</u>	Not Issued	30	10/27/2005	Varied signaling channels for a reverse link in a wireless communication system	SAMPATH, HEMANTH
<u>11261836</u>	Not Issued	30	10/27/2005	Systems and methods for control channel signaling	SAMPATH, HEMANTH

<u>11402597</u>	Not Issued	30	04/12/2006	System and method for multiple signal carrier time domain channel estimation	SAMPATH, HEMANTH
<u>11441652</u>	Not Issued	30	05/25/2006	CQI and rank prediction for list sphere decoding and ML MIMO receivers	SAMPATH, HEMANTH
<u>11441742</u>	Not Issued	30	05/25/2006	Rank step-down for MIMO SCW design employing HARQ	SAMPATH, HEMANTH
<u>11445098</u>	Not Issued	41	05/31/2006	CQI and rank prediction for list sphere decoding and ML MIMO receivers	SAMPATH, HEMANTH
<u>11445377</u>	Not Issued	30	05/31/2006	Sphere decoding apparatus	SAMPATH, HEMANTH
<u>11449893</u>	Not Issued	25	06/09/2006	Robust rank prediction for a MIMO system	SAMPATH, HEMANTH
<u>11454419</u>	Not Issued	30	06/16/2006	Negotiated channel information reporting in a wireless communication system	SAMPATH, HEMANTH
<u>11454761</u>	Not Issued	30	06/15/2006	Pseudo eigen-beamforming with dynamic beam selection	SAMPATH, HEMANTH
<u>11454762</u>	Not Issued	25	06/15/2006	Method and apparatus for optimum selection of MIMO and interference cancellation	SAMPATH, HEMANTH
<u>11501800</u>	Not Issued	30	08/08/2006	Multiple hypothesis decoding	SAMPATH, HEMANTH
<u>11552941</u>	Not Issued	25	10/25/2006	LINEAR PRECODING FOR SPATIALLY CORRELATED CHANNELS	SAMPATH, HEMANTH
<u>11552948</u>	Not Issued	25	10/25/2006	METHOD AND APPARATUS FOR PRE-CODING FOR A MIMO SYSTEM	SAMPATH, HEMANTH
<u>11553870</u>	Not Issued	25	10/27/2006	PRECODING FOR SEGMENT SENSITIVE SCHEDULING IN WIRELESS COMMUNICATION SYSTEMS	SAMPATH, HEMANTH
<u>60447448</u>	Not Issued	159	02/14/2003	Data rate adaptation in multiple in multiple out (MIMO) systems	SAMPATH, HEMANTH
<u>60494204</u>	Not Issued	159	08/11/2003	Permuted space-frequency coding for MIMO systems	SAMPATH, HEMANTH
<u>60494437</u>	Not Issued	159	08/12/2003	Rate adaptation algorithm for condor 11g product	SAMPATH, HEMANTH
<u>60523439</u>	Not Issued	159	11/19/2003	Method to reduce physical layer overhead in 802.11 system	SAMPATH, HEMANTH
<u>60525456</u>	Not	159	11/26/2003	Method to mitigate phase noise in	SAMPATH,

	Issued			ODFM systems for high data rate transmissions	HEMANTH
<a href="#">60537973</a>	Not Issued	159	01/21/2004	Scalable MIMO-OFDM PHY for high throughput WLANs	SAMPATH, HEMANTH
<a href="#">60538026</a>	Not Issued	159	01/21/2004	Scalable MIMO-OFDM PHY for high throughput WLANs	SAMPATH, HEMANTH
<a href="#">60572934</a>	Not Issued	159	05/19/2004	MIMO-OFDM receiver processing (preliminary)	SAMPATH, HEMANTH
<a href="#">60660719</a>	Not Issued	159	03/10/2005	Apparatus to obtain pseudo eigen beamforming gains in MIMO systems	SAMPATH, HEMANTH
<a href="#">60660925</a>	Not Issued	159	03/11/2005	Pseudo-eigen beamforming system and apparatus	SAMPATH, HEMANTH
<a href="#">60665120</a>	Not Issued	159	03/24/2005	Pseudo-eigenbeamforming in FDD systems	SAMPATH, HEMANTH

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**PALM INTRANET**

## Inventor Name Search Result

Your Search was:

Last Name = SAMPATH

First Name = HEMANTH

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">60667705</a>	Not Issued	159	04/01/2005	CDI reporting for MIMO users in a wireless communication system	SAMPATH, HEMANTH
<a href="#">60678610</a>	Not Issued	159	05/06/2005	System and methods for generating beamforming gains in multi-input multi-output communication systems	SAMPATH, HEMANTH
<a href="#">60681187</a>	Not Issued	159	05/13/2005	Low complexity beamforming for multiple antenna systems	SAMPATH, HEMANTH
<a href="#">60686111</a>	Not Issued	159	05/31/2005	Method and apparatus for MIMO-single code word design with rank prediction	SAMPATH, HEMANTH
<a href="#">60686646</a>	Not Issued	159	06/01/2005	CQI and rank prediction in list sphere decoding	SAMPATH, HEMANTH
<a href="#">60686819</a>	Not Issued	159	06/01/2005	Mimo-single code word receivers with list sphere decoding	SAMPATH, HEMANTH
<a href="#">60691430</a>	Not Issued	159	06/16/2005	Feedback to support restrictive reuse	SAMPATH, HEMANTH
<a href="#">60691432</a>	Not Issued	159	06/16/2005	Systems and methods for beamforming and rate control in a multi-input multi-output communication systems	SAMPATH, HEMANTH
<a href="#">60691459</a>	Not Issued	159	06/16/2005	Random beam selection to support pseudo-EBF based on transmit correlation matrix	SAMPATH, HEMANTH
<a href="#">60691467</a>	Not Issued	159	06/16/2005	Systems and methods for beamforming in multi-input multi-output communication systems	SAMPATH, HEMANTH
<a href="#">60691468</a>	Not Issued	159	06/16/2005	Method and apparatus for optimum selection of MIMO and interference cancellation	SAMPATH, HEMANTH
<a href="#">60691704</a>	Not Issued	159	06/16/2005	Negotiated channel information reporting in a wireless communication system	SAMPATH, HEMANTH

<u>60691716</u>	Not Issued	159	06/16/2005	Adaptive sectionization in cellular systems	SAMPATH, HEMANTH
<u>60691722</u>	Not Issued	159	06/16/2005	Method of list sphere decoding for MIMO receivers	SAMPATH, HEMANTH
<u>60691723</u>	Not Issued	159	06/16/2005	Robust rank prediction for interference, power control, channel estimation, packet formats and admission control	SAMPATH, HEMANTH
<u>60691808</u>	Not Issued	159	06/16/2005	Systems and methods for eigen-beam forming in multi antenna communication systems	SAMPATH, HEMANTH
<u>60691902</u>	Not Issued	159	06/16/2005	Systems and methods for beamforming in multi antenna communication systems	SAMPATH, HEMANTH
<u>60710402</u>	Not Issued	159	08/22/2005	Systems and methods for beam forming feedback in multi antenna communication systems	SAMPATH, HEMANTH
<u>60710407</u>	Not Issued	159	08/22/2005	Multiple hypothesis decoding to support interference cancellation	SAMPATH, HEMANTH
<u>60731022</u>	Not Issued	159	10/27/2005	Method and apparatus for pre-coding for a MIMO system	SAMPATH, HEMANTH
<u>60731029</u>	Not Issued	159	10/27/2005	Method and apparatus for linear pre-coding for spatially correlated channels	SAMPATH, HEMANTH
<u>60731037</u>	Not Issued	159	10/27/2005	Methods and apparatus for providing mobile broadband wireless higher MAC	SAMPATH, HEMANTH
<u>60731128</u>	Not Issued	159	10/27/2005	Wireless communication	SAMPATH, HEMANTH
<u>60731146</u>	Not Issued	159	10/28/2005	Rank step-down for MIMO SCW design employing HARQ	SAMPATH, HEMANTH
<u>60731558</u>	Not Issued	159	10/27/2005	Segment sensitive scheduling for precoding in wireless communication system	SAMPATH, HEMANTH
<u>60753775</u>	Not Issued	159	12/23/2005	Multiple hypothesis decoding	SAMPATH, HEMANTH
<u>60756947</u>	Not Issued	159	01/05/2006	Reverse link reporting for varying reverse link signaling channels for in a wireless communication system	SAMPATH, HEMANTH
<u>60764413</u>	Not Issued	159	02/01/2006	Reduced memory successive cancellation receiver	SAMPATH, HEMANTH
<u>60896038</u>	Not Issued	20	03/21/2007	SIMPLIFIED EQUALIZATION FOR CORRELATED CHANNELS IN OFDMA	SAMPATH, HEMANTH

<u>60896039</u>	Not Issued	20	03/21/2007	MIMO-MMSE EQUALIZATION USING FAST SQUARE ROOT ALGORITHM	SAMPATH, HEMANTH
<u>60896972</u>	Not Issued	20	03/26/2007	METHOD AND APPARATUS FOR DETERMINING PER SECTOR RECEIVED POWER LEVEL AT AN ACCESS TERMINAL	SAMPATH, HEMANTH
<u>60896975</u>	Not Issued	20	03/26/2007	DIGITAL AND ANALOG POWER CONTROL FOR AN OFDMA/CDMA ACCESS TERMINAL	SAMPATH, HEMANTH
<u>09880574</u>	Not Issued	61	06/13/2001	Adaptive channel estimation for wireless systems	SAMPATH, HEMANTH T.
<u>09884581</u>	<u>7027429</u>	150	06/19/2001	METHOD AND APPARATUS FOR TIME AND FREQUENCY SYNCHRONIZATION OF OFDM COMMUNICATION SYSTEMS	SAMPATH, HEMANTH T.
<u>09922885</u>	<u>7023928</u>	150	08/06/2001	SYNCHRONIZATION OF A PILOT ASSISTED CHANNEL ESTIMATION ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING SYSTEM	SAMPATH, HEMANTH T.
<u>11322538</u>	Not Issued	30	12/30/2005	Method and apparatus for time and frequency synchronization of OFDM communication systems	SAMPATH, HEMANTH T.

Inventor Search Completed: No Records to Display.

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**PALM INTRANET**

## Inventor Name Search Result

Your Search was:

Last Name = NARASIMHAN

First Name = RAVI

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>10703688</u>	<u>7007014</u>	150	11/07/2003	CANONICALIZATION OF TERMS IN A KEYWORD-BASED PRESENTATION SYSTEM	NARASIMHAN RAJ, RAVI
<u>09392975</u>	<u>6240291</u>	150	09/09/1999	METHOD FOR HANDOFF IN WIRELESS COMMUNICATION SYSTEMS USING PATTERN RECOGNITION	NARASIMHAN, RAVI
<u>09643381</u>	<u>6330460</u>	150	08/21/2000	Simultaneous forward link beam forming and learning method for mobile high rate data traffic	NARASIMHAN, RAVI
<u>09803718</u>	<u>7016649</u>	150	03/09/2001	SPACE-TIME AND SPACE-FREQUENCY HOPPING FOR CAPACITY ENHANCEMENT OF MOBILE DATA SYSTEMS	NARASIMHAN, RAVI
<u>10067556</u>	<u>7218691</u>	150	02/04/2002	METHOD AND APPARATUS FOR ESTIMATION OF ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING SYMBOL TIMING AND CARRIER FREQUENCY OFFSET	NARASIMHAN, RAVI
<u>10162274</u>	Not Issued	168	06/03/2002	Multicarrier transmit diversity	NARASIMHAN, RAVI
<u>10189385</u>	Not Issued	41	07/05/2002	Multicarrier transmit diversity	NARASIMHAN, RAVI
<u>10193439</u>	Not Issued	41	07/10/2002	Compensation for residual frequency offset, phase noise and sampling phase offset in wireless networks	NARASIMHAN, RAVI
<u>10316806</u>	Not Issued	41	12/10/2002	Compensation for residual frequency offset, phase noise and	NARASIMHAN, RAVI



				I/Q imbalance in OFDM modulated communications	
<u>10322130</u>	<u>7016651</u>	150	12/17/2002	APPARATUS AND METHOD FOR MEASURING SIGNAL QUALITY OF A WIRELESS COMMUNICATIONS LINK	NARASIMHAN, RAVI
<u>10620024</u>	Not Issued	41	07/14/2003	Data rate adaptation in multiple-in-multiple-out systems	NARASIMHAN, RAVI
<u>10656001</u>	Not Issued	123	09/05/2003	Spatial multiplexing with antenna and constellation selection for correlated MIMO fading channels	NARASIMHAN, RAVI
<u>10693566</u>	Not Issued	61	10/23/2003	MIMO-OFDM preamble for channel estimation	NARASIMHAN, RAVI
<u>10734440</u>	Not Issued	30	12/11/2003	Rate adaptation in wireless systems	NARASIMHAN, RAVI
<u>10767067</u>	Not Issued	30	01/28/2004	Scalable space-frequency coding for MIMO systems	NARASIMHAN, RAVI
<u>10832711</u>	Not Issued	30	04/26/2004	Technique for reducing physical layer (PHY) overhead in wireless LAN systems	NARASIMHAN, RAVI
<u>10834745</u>	Not Issued	30	04/28/2004	Method to mitigate intercarrier interference (ICI) in OFDM systems for high data rate transmissions	NARASIMHAN, RAVI
<u>10895006</u>	Not Issued	30	07/19/2004	Circuits, architectures, systems, methods, algorithms and software for reducing contention and/or handling channel access in a network	NARASIMHAN, RAVI
<u>10896313</u>	Not Issued	30	07/20/2004	Scalable MIMO-OFDM PHY for high throughput WLANs	NARASIMHAN, RAVI
<u>10912829</u>	Not Issued	30	08/05/2004	MIMO-OFDM receiver processing	NARASIMHAN, RAVI
<u>10988318</u>	Not Issued	30	11/12/2004	Adaptively determining a data rate of packetized information transmission over a wireless channel	NARASIMHAN, RAVI
<u>11346503</u>	Not Issued	30	02/02/2006	Apparatus and method for measuring signal quality of a wireless communications link	NARASIMHAN, RAVI
<u>11801032</u>	Not Issued	20	05/08/2007	Method and apparatus for acquisition and tracking of orthogonal frequency division multiplexing symbol timing,	NARASIMHAN, RAVI

				carrier frequency offset and phase noise	
<u>60273487</u>	Not Issued	159	03/05/2001	Method and apparatus for estimation of orthogonal frequency division multiplexing symbol timing and carrier offset	NARASIMHAN, RAVI
<u>60356475</u>	Not Issued	159	02/13/2002	Compensation for residual frequency offset, phase noise and sampling phase offset for IEEE 802.11a,g wireless LANs	NARASIMHAN, RAVI
<u>60404655</u>	Not Issued	159	08/19/2002	Compensation for residual frequency offset, phase noise and I/Q imbalance for OFDM	NARASIMHAN, RAVI
<u>60405580</u>	Not Issued	159	08/26/2002	Adaptive channel partitioning and modulation for linear time-varying channels	NARASIMHAN, RAVI
<u>60432126</u>	Not Issued	159	12/09/2002	Spatial multiplexing with antenna and constellation selection for correlated MIMO fading channels	NARASIMHAN, RAVI
<u>60447448</u>	Not Issued	159	02/14/2003	Data rate adaptation in multiple in multiple out (MIMO) systems	NARASIMHAN, RAVI
<u>60470832</u>	Not Issued	159	05/14/2003	MIMO-OFDM preamble for channel estimation	NARASIMHAN, RAVI
<u>60494204</u>	Not Issued	159	08/11/2003	Permuted space-frequency coding for MIMO systems	NARASIMHAN, RAVI
<u>60494437</u>	Not Issued	159	08/12/2003	Rate adaptation algorithm for condor 11g product	NARASIMHAN, RAVI
<u>60523439</u>	Not Issued	159	11/19/2003	Method to reduce physical layer overhead in 802.11 system	NARASIMHAN, RAVI
<u>60525456</u>	Not Issued	159	11/26/2003	Method to mitigate phase noise in OFDM systems for high data rate transmissions	NARASIMHAN, RAVI
<u>60537973</u>	Not Issued	159	01/21/2004	Scalable MIMO-OFDM PHY for high throughput WLANs	NARASIMHAN, RAVI
<u>60538026</u>	Not Issued	159	01/21/2004	Scalable MIMO-OFDM PHY for high throughput WLANs	NARASIMHAN, RAVI
<u>60565287</u>	Not Issued	159	04/26/2004	Evaluation of contention free burst schemes for 802.11e EDCF	NARASIMHAN, RAVI
<u>60572934</u>	Not Issued	159	05/19/2004	MIMO-OFDM receiver processing (preliminary)	NARASIMHAN, RAVI
<u>60590042</u>	Not Issued	159	07/20/2004	Mechanism to predict the physical layer transmission	NARASIMHAN, RAVI

				parameters for use in current and future generations of wireless LANs	
<u>60590138</u>	Not Issued	159	07/21/2004	Mechanism to predict the physical layer transmission parameters for use in current and future generations of wireless LANs	NARASIMHAN, RAVI

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